

Title (en)

LOCALIZATION BASED ON AN ELECTROMAGNETIC MULTIPATH DELAY PROFILE

Title (de)

LOKALISIERUNG BASIEREND AUF EINEM ELEKTROMAGNETISCHEN MEHRWEGVERZÖGERUNGSPROFIL

Title (fr)

LOCALISATION BASÉE SUR UN PROFIL DE RETARD MULTITRAJET ÉLECTROMAGNÉTIQUE

Publication

**EP 3441782 B1 20210224 (EN)**

Application

**EP 17186016 A 20170811**

Priority

EP 17186016 A 20170811

Abstract (en)

[origin: EP3441782A1] A method for generating a localization map comprises receiving, at a first location, a first electromagnetic signal corresponding to a first plurality of propagation paths between at least one electromagnetic emitter and said first location; extracting, from said first electromagnetic signal, a first plurality of propagation components corresponding to said first plurality of propagation paths; receiving, at a second location different from said first location, a second electromagnetic signal corresponding to a second plurality of propagation paths between said at least one electromagnetic emitter and said second location; extracting, from said second electromagnetic signal, a second plurality of propagation components corresponding to said second plurality of propagation paths; and associating said first plurality of propagation components with said first location and said second plurality of propagation components with said second location in a database.

IPC 8 full level

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CPC (source: EP US)

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